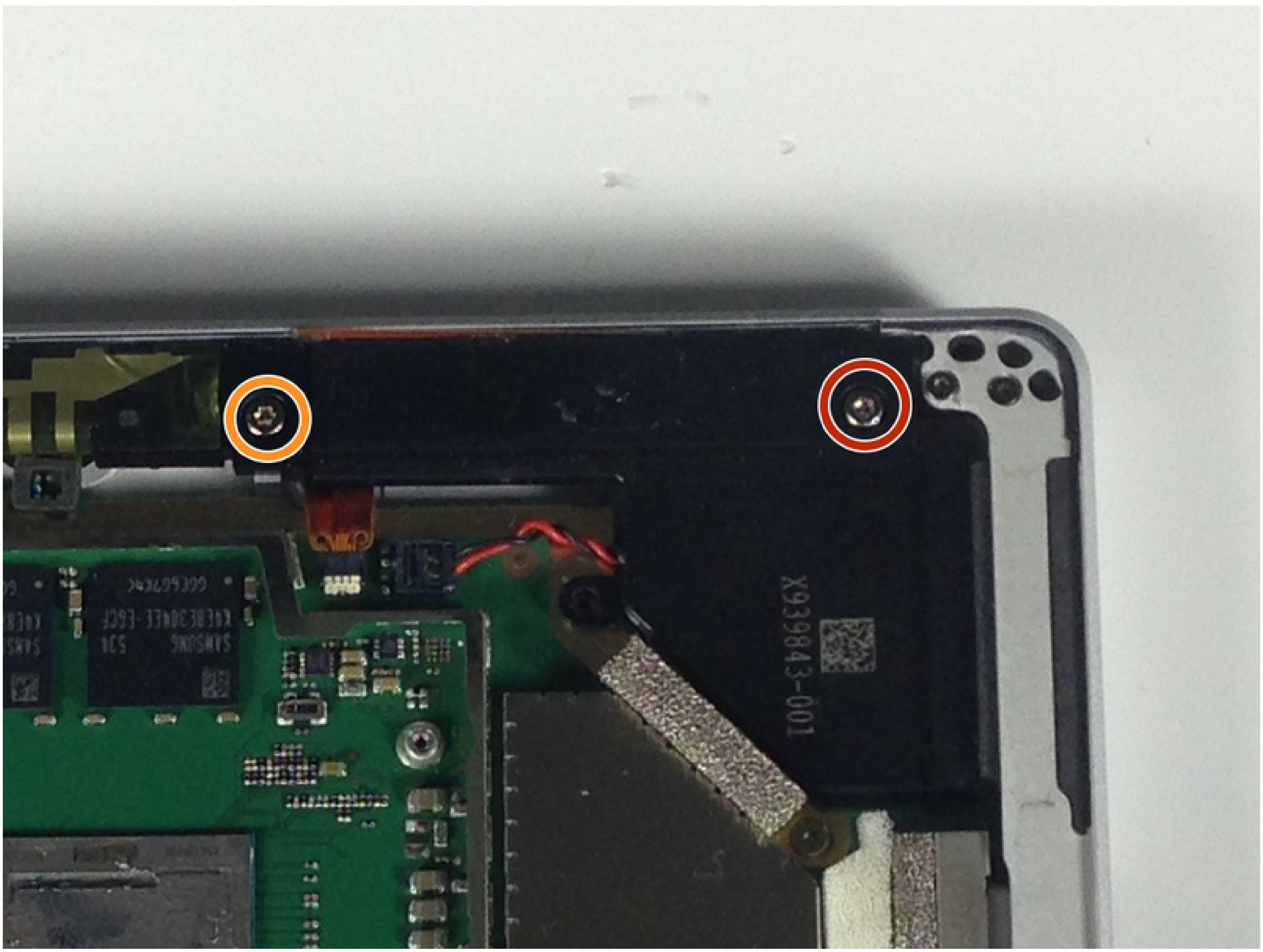
Microsoft Surface Pro 4 Right Speaker Replacement

Replace the right side speaker of the Surface Pro 4.

Written By: Andrew Prater



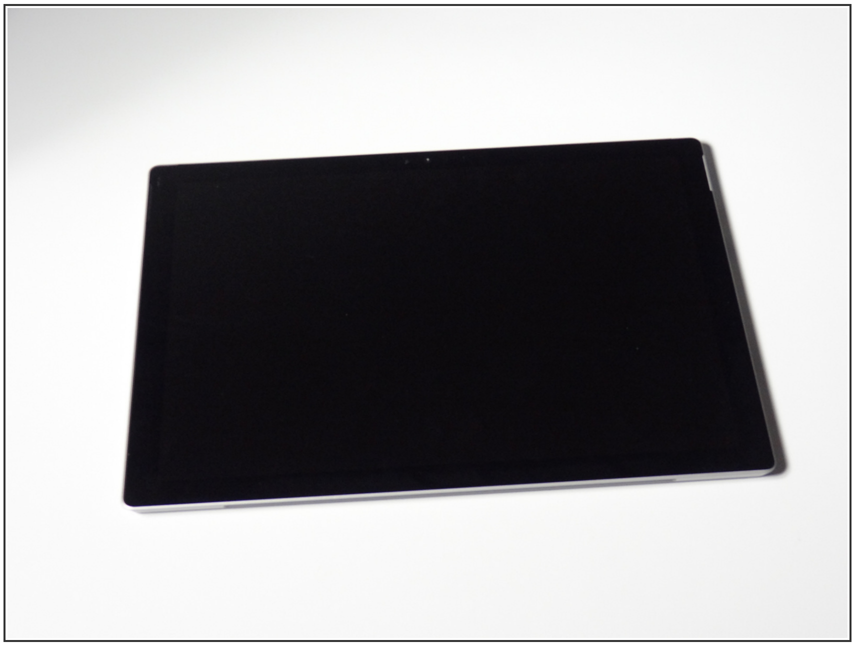
INTRODUCTION

This guide will show you how to access and remove the right hand speaker of the Surface Pro 4. Although this process is similar to the left speaker replacement, the structure of the device necessitates a slightly different procedure.

TOOLS:

- iFixit Opening Picks set of 6 (1)
- iOpener (1)
- Small Plastic Spudger (1)
- iFixit Opening Tools (1)
- Suction Handle (1)

Step 1 — Display



- Turn the Surface Pro so that the screen is facing you as if you were using it normally.

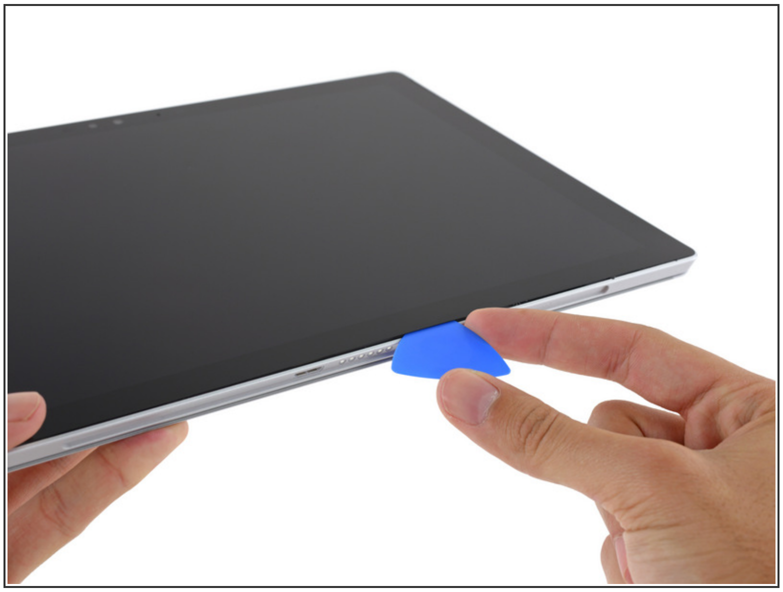
⚠ Make sure the device is turned off before you start working on it.

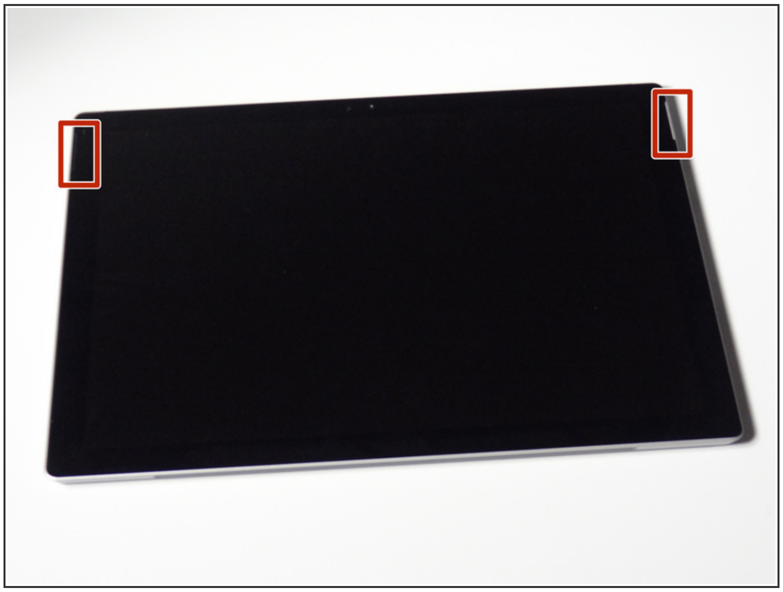
Step 2



- The display is glued to the frame of the device . You can weaken the adhesive with a heating pad such as the iOpener.

Step 3



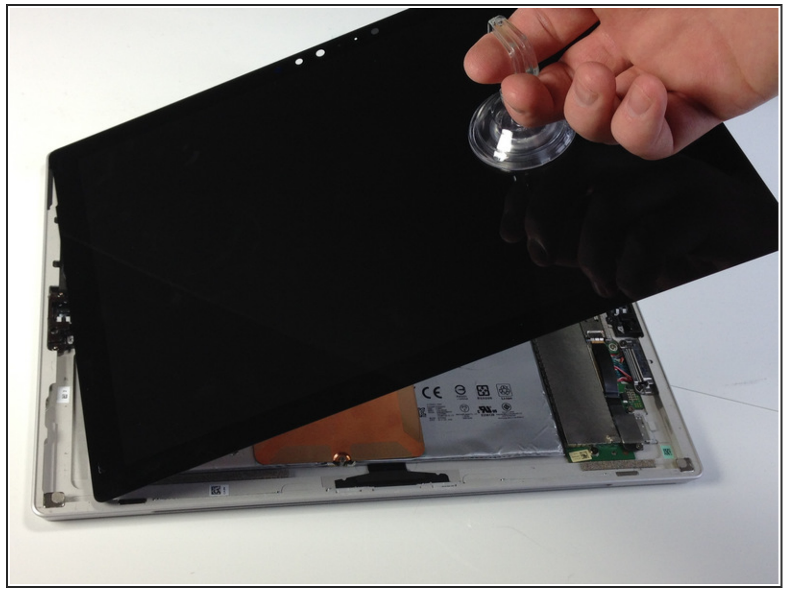


- Slide an opening pick around the entire display, cutting the heated adhesive attaching the screen to the base. Apply more heat as needed.
  - There are tabs on the upper right side and upper left side where it is easier to get a tool under the display.

If you are having trouble, see Step 4 of the iFixit teardown.

Step 4

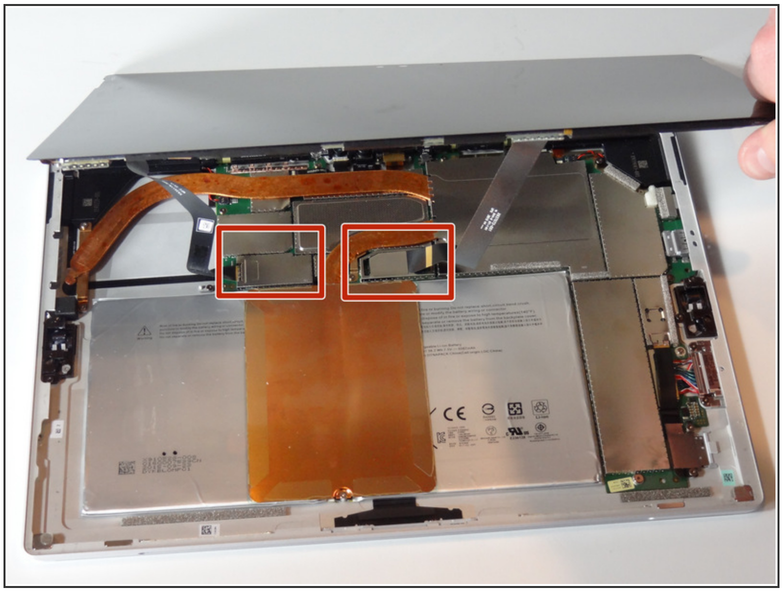


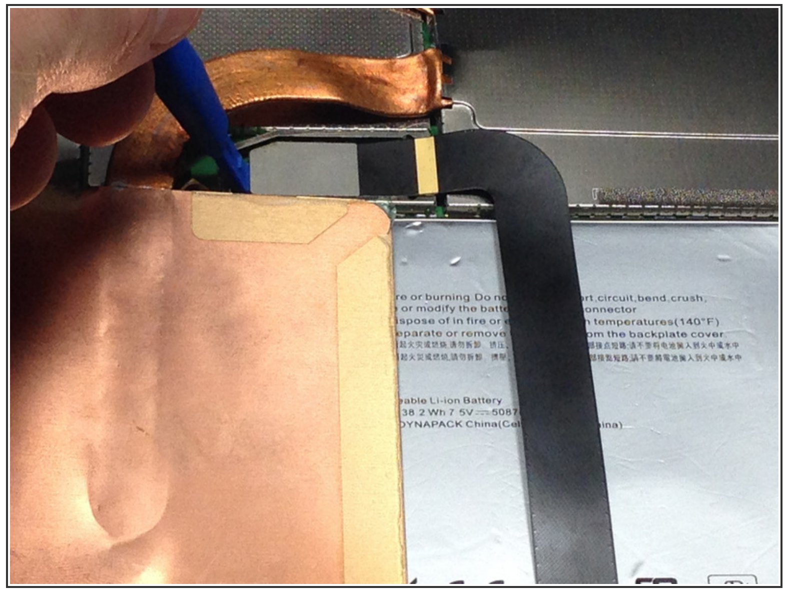


- Attach a suction cup to the front of the display.
- Using the suction cup, pull the display and base apart. You may need to hold the base in position with your hands.

ⓘ It is usually better to place the suction cup on the left or right side of the screen, rather than in the center. This provides more leverage when removing the screen.

Step 5

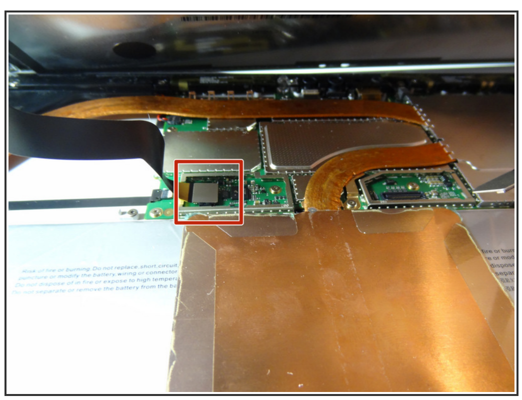


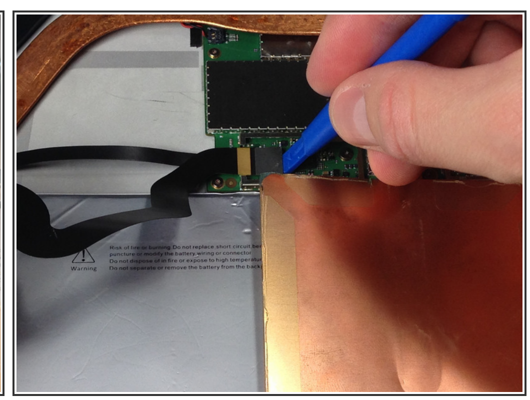


- There are two display cables connecting the body to the display.
- Disconnect the cable on the right by putting a plastic opening tool under the edge of the connector and prying it up.

Step 6

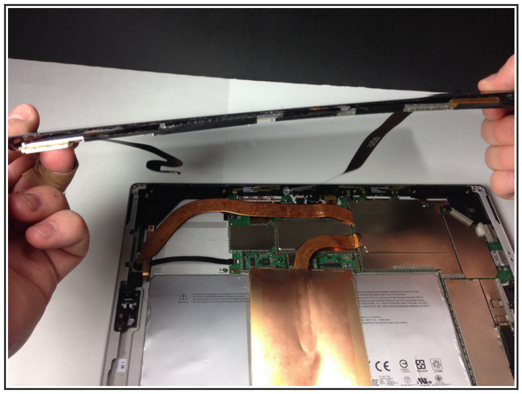
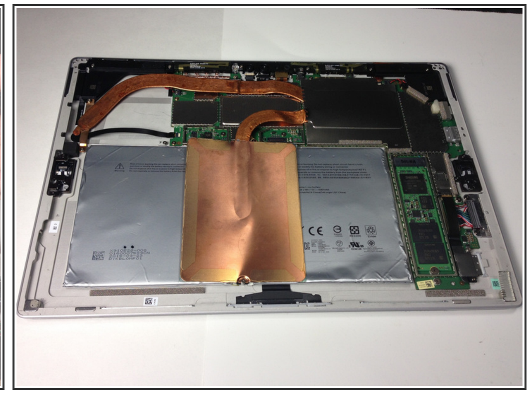






- The connection for the strip on the left is covered by a lightweight metal casing. Pry around the edges of this case with a plastic spudger. Once it is loose, pull it off.
- Unplug the connection with a plastic opening tool.

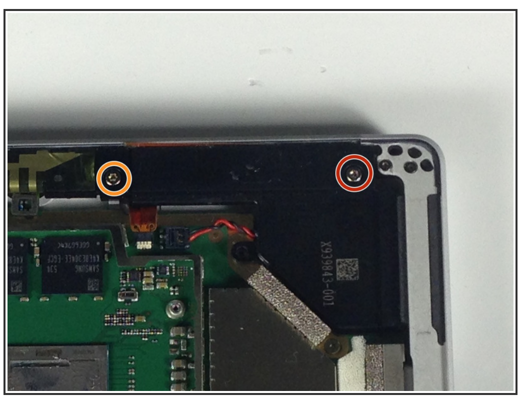
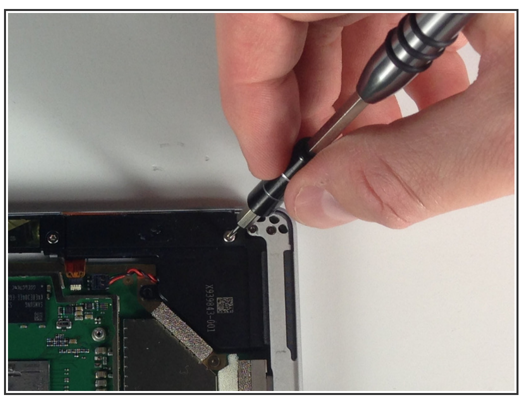
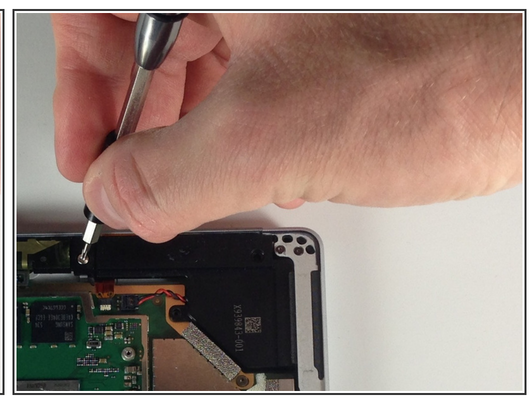
Step 7

- The display should now be free of the body of the Surface Pro. Lift it up and away from the rest of the device.

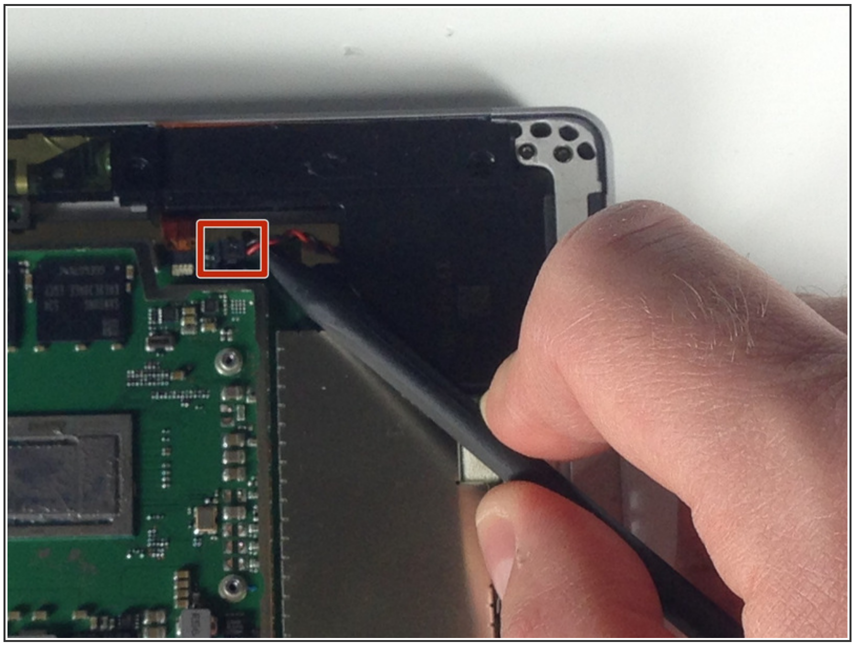
- Before installing a new display, check it carefully to see if any parts need to be transferred over from the back of the old display to the new display. In particular, you may need to transfer over the NTrig board in the corner by disconnecting the two attached ribbon cables and using heat and gentle prying to carefully separate the glue securing the board.

Step 8 — Right Speaker

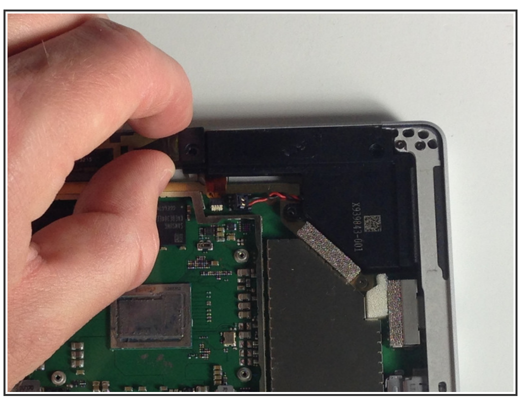
- Remove 5mm Torx T4 screw holding the speaker to the frame of the device.
- Remove the 3mm Torx T4 screw.

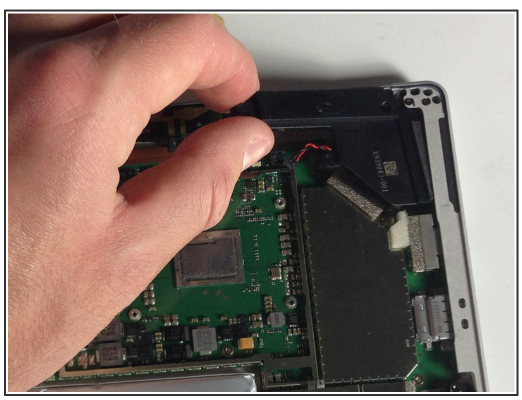
Step 9

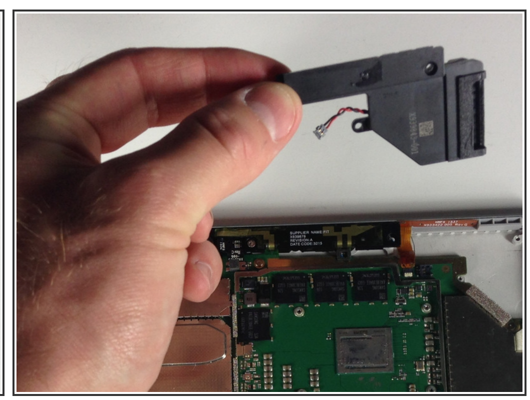


- Use a small plastic spudger to work the speaker cable connector out of its socket.

Step 10







- Work the left edge of the speaker out from under the edge of the black plastic bar next to it.
- Grasp the left edge of the speaker and pull away from the edge of the frame. You may need to wiggle it back and forth to loosen it.
- Pull the speaker free of the device.

To reassemble your device, follow these instructions in reverse order.

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